



PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10 / 670,857
Filing Date	09/25/2003
First Named Inventor	Sameer S. Marathe
Art Unit	3683
Examiner Name	Christopher P. Schwartz
Attorney Docket Number	03-106

### ENCLOSURES (Check all that apply)

Fee Transmittal Form  
 Fee Attached

Amendment/Reply  
 After Final  
 Affidavits/declaration(s)

Extension of Time Request  
 Express Abandonment Request  
 Information Disclosure Statement  
 Certified Copy of Priority Documents  
 Response to Missing Parts/ Incomplete Application  
 Response to Missing Parts under 37 CFR 1.52 or 1.53

Assignment Papers (for an Application)  
 Drawing(s)  
 Licensing-related Papers  
 Petition  
 Petition to Convert to a Provisional Application  
 Power of Attorney, Revocation  
 Change of Correspondence Address  
 Terminal Disclaimer  
 Request for Refund  
 CD, Number of CD(s) \_\_\_\_\_

After Allowance communication to Technology Center (TC)  
 Appeal Communication to Board of Appeals and Interferences  
 Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  
 Proprietary Information  
 Status Letter  
 Other Enclosures(s) (please identify below):

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Andrew J. Ririe, Registration No. 45,597
Signature	
Date	July 22, 2004

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope address to:  
Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on this date:

07/22/2004

Typed or printed name Andrew J. Ririe

Signature

Date 7/22/2004

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JUL 26 2004

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PTO/SB/17 (05-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2003

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$)  
**86**

### Complete if Known

Application Number	10/670,857
Filing Date	09/25/2003
First Named Inventor	Sameer S. Marathe
Examiner Name	Christopher P. Schwartz
Art Unit	3683
Attorney Docket No.	03-106

### METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None

Deposit Account

Deposit  
Account  
Number  
03-1129  
Deposit  
Account  
Name

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>	<b>(\$)</b>		<b>0</b>

#### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	14	Extra Claims	Fee from below	Fee Paid
Total Claims	15	-20** =	0 X 18 =	0
Independent Claims	4	-3** =	1 X 86 =	86
Multiple Dependent	3			

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2002 9	Claims in excess of 20
1201 86	2001 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	**Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>	<b>(\$)</b>	<b>86</b>

### 3. ADDITIONAL FEES

Large Entity | Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

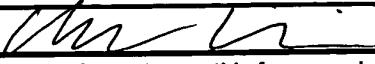
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$)  
**0**

### SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Andrew J. Ririe	Registration No. (Attorney/Agent)	45,597	Telephone	(309) 636-1974
Signature			Date	07/22/2004	

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IFW ✓

## PATENT APPLICATION

## UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
SAMEER S. MARATHE et al. ) Art Unit: 3683  
Application No.: 10/670,857 ) Examiner: Christopher P. Schwartz  
Filed: September 25, 2003 )  
For: APPARATUS AND METHOD )  
FOR MONITORING BRAKING SYSTEM )  
PRESSURE )  
Attorney Docket No.: 03-106 )

Peoria, Illinois 61629-6490

July 22, 2004

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Sir:

**I. INTRODUCTION**

An Office action was issued on May 10, 2004 ("the Office action"). In response thereto, and in accordance with the practice outlined in 37 C.F.R. §§ 1.111 and 1.112, Caterpillar Inc., the assignee of this application, submits the following amendment and remarks and respectfully requests that the application be reconsidered.

Pursuant to 37 C.F.R. § 1.121, the amendments directed below include editing marks. New text is an amended paragraph or claim is underlined (new text). Deleted text in an amended paragraph or claim is indicated with a strikethrough (~~deleted text~~) or enclosed in double brackets ([[~~deleted text~~]]).